Universalreiniger
(Universal Cleaner)

DESCRIPTION

Liqui Moly Universal Cleaner is a concentrated degreaser and industrial cleaner which can be dissolved in water. The cleaner does not contain phosphates, silicates or solvents. It is ideally suitable for cleaning walls and floors and is also ideal for use in high-pressure and spray equipment. Since this product is based on selected, highly effective biodegradable surfactants, it can be used to replace many environmentally harmful degreasers.

PROPERTIES

- concentrate can be diluted with water
- biologically degradable
- suitable for use as multifunctional and tested cleaner
- makes numerous other products superfluous
- does not contain flammable solvents
- economical to use

TECHNICAL DATA

Basis	:	nonionic and anionic surfactants	
Form	:	liquid	
Colour	:	green	
Odour	:	citrus	
Density at 15 °C	:	0.1053	g/cm³
pH-value	:	12.5	
Boiling point	:	> 100	°C
Solubility in water	:	miscible	
Flash point	:	not applicable	
Fire promoting	:	no	

APPLICATION

For the removal of industrial soiling such as ash, dust and soot deposits on stone, concrete, tiles, ceramics and glass surfaces. For the removal of oil, grease, adhesive residue on a wide range of metal surfaces. Suitable for plastics, painted surfaces and sealed wood surfaces. For the removal of ink residue on printing presses.

Mixing ratio with water for various applications:

Cleaning of engines and engine compartments car bodywork, door edges, truck tarpaulins and superstructures	1 : 5 to 1 : 10
Removal of insect remains	1 : 10
Cleaning wheel rims	1 : 2 to 1 : 5
Machine tools	1 : 10 to 1 : 40
Plastic panelling	1 : 10 to 1 : 20

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Workshop floors and walls - manual -		1 . 20 to 1 : 40
road tunnels and boundary posts	- mechanical -	1 : 40 to 1 : 60
Chemical pre-wash in brush plants		1 : 5 to 1 : 10
High-pressure and steam jet appliances		1 : 10 to 1 : 20
Copolymere de-waxers		1 : 3 to 1 : 5
Workshop windows, glass panes		1 : 500 to 1 : 2000
Car interiors		1 : 10 to 1 : 50

Market sectors

- industrial manufacturing plants
- body manufacture and vehicle manufacture
- plastics and block industry
- navigation and ship building
- brewing and the drinks trade
- metal industry and engineering
- storage and transport industry
- road construction and water engineering
- agriculture
- household

MODE OF ACTION

Liqui Moly Universal Cleaner contains surface-active components. These reduce the surface tension of the cleaning solution enabling the product to penetrate into and act in hairline cracks in the surface.
When using Universal Cleaner in commercial establishments which are equipped with effluent treatment systems or separators, the contaminants separate out from the cleaning solution. This is necessary in the case of various petrol types, oils and greases.

INSTRUCTIONS

Liqui Moly Universal Cleaner can be applied by spraying or immersion or wiping with brushes, cloths or sponges.

Cleaning by spraying
Dilute Universal Cleaner with water according to requirements and spray it onto the surface of the object. After allowing it to act for a brief period, rinse off with water.

Cleaning by immersion
Dilute Universal Cleaner with water according to requirements. Immerse the object and rinse off with water after allowing the cleaner to act for short time.

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Wiping
Dilute Universal Cleaner with water according to requirements and apply to dry or pre-dampened surface. Allow cleaner to act for a brief period before rinsing off.

Note
Do not use in concentrated form or allow to dry onto surface to be cleaned. Treat non-ferrous heavy metals and light alloys only briefly and rinse thoroughly with water. The product has a powerful degreasing effect and if used repeatedly in high concentrations will cause colours to fade. Always test on hidden areas first if using on sensitive materials.

AVAILABLE PACK SIZE				
	Universal Cleaner	1 l	dosing bottle	Part no. 1653
		5 l	canister	Part no. 1654
		20 l	canister	Part no. 1655

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Our information is based on thorough research and may be considered reliable, although not legally binding.

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